

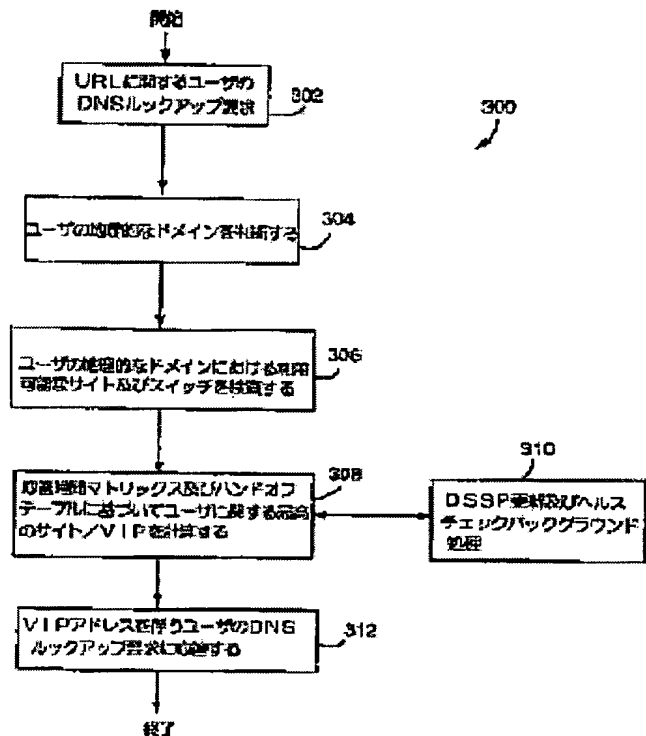
DECENTRALIZED LOAD BALANCED INTERNET SERVER

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- International: G06F15/177; G06F13/00
- european:
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Abstract of JP2000315200

PROBLEM TO BE SOLVED: To level loading among decentralized network servers by controlling the conversion of a domain name to the IP address of the domain name server device. **SOLUTION:** A DNS look-up request made by a user is received. This request requests the contents of a specific web base and an IP address number for answering by service (302). The IP address is checked to determine what the geographical domain of the user is (304). A network site and a switch which are usable in or nearby the geographical area of the user are checked (306). The 'best' virtual IP server(VIP) to be given a job corresponding to the user is calculated (308). At the DNS look-up request made by the user, an answer is sent with the IP address of the 'best' VIP for providing service to the user (312).



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